

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Bhalakia et al.	Examiner:	Unknown
Serial No.	New Application	Group Art Unit:	Unknown
Filed:	New Application	Docket No.	589.063US2
Title:	PRODUCTION OF OPTICAL ELEMENTS		

CERTIFICATE UNDER 37 C.F.R. 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described herein, are being deposited in the United States Postal Service, as first class mail, with sufficient postage, in an envelope addressed to: BOX Application, Assistant Commissioner for Patents, Washington, D.C. 20231 on May 3, 2001

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Name


Signature

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Washington, D.C. 20231

PRELIMINARY AMENDMENT

This Preliminary Amendment is being made contemporaneously with the filing of this Application.

IN THE SPECIFICATION

Please DELETE Page 1, lines 3-5 and replace that paragraph with the following:

This application is a continuation-in-part of U.S. Patent Application Serial Number 09/425,517, filed October 22, 1999 and titled "PRODUCTION OF OPTICAL ELEMENTS" which is a continuation in part of U.S. Patent Application Serial No. 08/905,432 filed on August 4, 1997 titled "Multi-focal Optical Elements", now U.S. Patent No. 5,856,860, which is turn a continuation-in-part of U.S. Patent Application No. 09/454,934, filed May 31, 1995, and titled MULTIFOCAL OPTICAL ELEMENTS, now U.S. Patent No. 5,757,459, which is in turn a Continuation-In-Part of U.S. Patent Application Serial No. 08/397,949, filed on March 3, 1995 for PRODUCTION OF OPTICAL ELEMENTS, now abandoned.

IN THE CLAIMS

Please amend the claims as follows:

1. (AMENDED) An ophthalmic lens element comprising:

an injection molded, polymeric ophthalmic lens having a concave surface and a convex surface, and

a laminate bonded to the injection molded, polymeric ophthalmic lens, the laminate comprising, in the following order:

- a) a first resinous layer,
- b) a functional layer selected from the group consisting of a light polarizing layer and a photochromic layer, and
- c) a second resinous layer,

the first resinous layer being bonded to the convex surface of the injection molded, polymeric ophthalmic lens.

2. (AMENDED) The ophthalmic element of claim 1 wherein said polymeric ophthalmic lens [comprises] consists essentially of a polycarbonate resin.

3. (AMENDED) The ophthalmic element of claim 1 wherein the first resinous layer is directly bonded by fusion to the polymeric ophthalmic lens.

4. (AMENDED) The ophthalmic element of claim 1 wherein the first resinous layer consists essentially of polycarbonate resin and is adhesively bonded to the polymeric ophthalmic lens.

5. (AMENDED) The ophthalmic element of claim 1 wherein the first resinous layer consists essentially of polycarbonate resin and is fused to the polymeric ophthalmic lens.

6. The ophthalmic element of claim 2 wherein the functional layer comprises a light polarizing layer.

7. The ophthalmic element of claim 2 wherein the functional layer comprises a photochromic layer.

8. The ophthalmic element of claim 4 wherein the functional layer comprises a light polarizing layer.

9. The ophthalmic element of claim 4 wherein the functional layer comprises a photochromic layer.

10. The ophthalmic element of claim 2 wherein the injection molded, polymeric ophthalmic lens has no ophthalmic prescription power.

Please cancel claims 11-12, without prejudice.

13. The ophthalmic element of claim 7 wherein the injection molded, polymeric ophthalmic lens has no ophthalmic prescription power.

14. The ophthalmic element of claim 2 wherein the first resinous layer comprises a thermoplastic polymer.

15. The ophthalmic element of claim 6 wherein the first resinous layer comprises a thermoplastic polymer.

16. The ophthalmic element of claim 7 wherein the first resinous layer comprises a thermoplastic polymer.

Please cancel claims 17-23, without prejudice.

24. The ophthalmic element of claim 1 wherein layer b) is an extruded layer.

25. The ophthalmic element of claim 1 wherein layers a), b) and c) are extruded layers.

26. The ophthalmic element of claim 4 wherein layer b) is an extruded layer.

27. The ophthalmic element of claim 4 wherein layers a), b) and c) are extruded layers.

28. The ophthalmic element of claim 8 wherein layer b) is an extruded layer.

29. The ophthalmic element of claim 8 wherein layers a), b) and c) are extruded layers.

30. The ophthalmic element of claim 12 wherein layer b) is an extruded layer.

Please cancel claims 31-35, without prejudice.

CONCLUSION

The above amendments have been made in an effort to place the Application in condition for allowance and to more clearly define the present invention.

Applicants believe the claims are in condition for allowance and request reconsideration of the application and allowance of the claims. The Examiner is invited to telephone the below-signed attorney at 952-832-9090 to discuss any questions that may remain with respect to the present application.

Respectfully submitted,
SUJAL BHALAKIA, et al.

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Box Patent Application, Assistant Commissioner of Patents, Washington, D.C. 20231 on May 3, 2000.

Name Mark A. Litman

Signature 

Clean Copy of Claims Required by 37 C.F.R. 1.121.

1. An ophthalmic lens element comprising:

an injection molded, polymeric ophthalmic lens having a concave surface and a convex surface, and

a laminate bonded to the injection molded, polymeric ophthalmic lens, the laminate comprising, in the following order:

- a) a first resinous layer,
- b) a functional layer selected from the group consisting of a light polarizing layer and a photochromic layer, and
- c) a second resinous layer,

the first resinous layer being bonded to the convex surface of the injection molded, polymeric ophthalmic lens.

2. The ophthalmic element of claim 1 wherein said polymeric ophthalmic lens consists essentially of a polycarbonate resin.

3. The ophthalmic element of claim 1 wherein the first resinous layer is directly bonded by fusion to the polymeric ophthalmic lens.

4. The ophthalmic element of claim 1 wherein the first resinous layer consists essentially of polycarbonate resin and is adhesively bonded to the polymeric ophthalmic lens.

5. The ophthalmic element of claim 1 wherein the first resinous layer consists essentially of polycarbonate resin and is fused to the polymeric ophthalmic lens.

6. The ophthalmic element of claim 2 wherein the functional layer comprises a light polarizing layer.

7. The ophthalmic element of claim 2 wherein the functional layer comprises a photochromic layer.

8. The ophthalmic element of claim 4 wherein the functional layer comprises a light polarizing layer.

9. The ophthalmic element of claim 4 wherein the functional layer comprises a photochromic layer.

10. The ophthalmic element of claim 2 wherein the injection molded, polymeric ophthalmic lens has no ophthalmic prescription power.

13. The ophthalmic element of claim 7 wherein the injection molded, polymeric ophthalmic lens has no ophthalmic prescription power.

14. The ophthalmic element of claim 2 wherein the first resinous layer comprises a thermoplastic polymer.

15. The ophthalmic element of claim 6 wherein the first resinous layer comprises a thermoplastic polymer.

16. The ophthalmic element of claim 7 wherein the first resinous layer comprises a thermoplastic polymer.

24. The ophthalmic element of claim 1 wherein layer b) is an extruded layer.
25. The ophthalmic element of claim 1 wherein layers a), b) and c) are extruded layers.
26. The ophthalmic element of claim 4 wherein layer b) is an extruded layer.
27. The ophthalmic element of claim 4 wherein layers a), b) and c) are extruded layers.
28. The ophthalmic element of claim 8 wherein layer b) is an extruded layer.
29. The ophthalmic element of claim 8 wherein layers a), b) and c) are extruded layers.
30. The ophthalmic element of claim 12 wherein layer b) is an extruded layer.